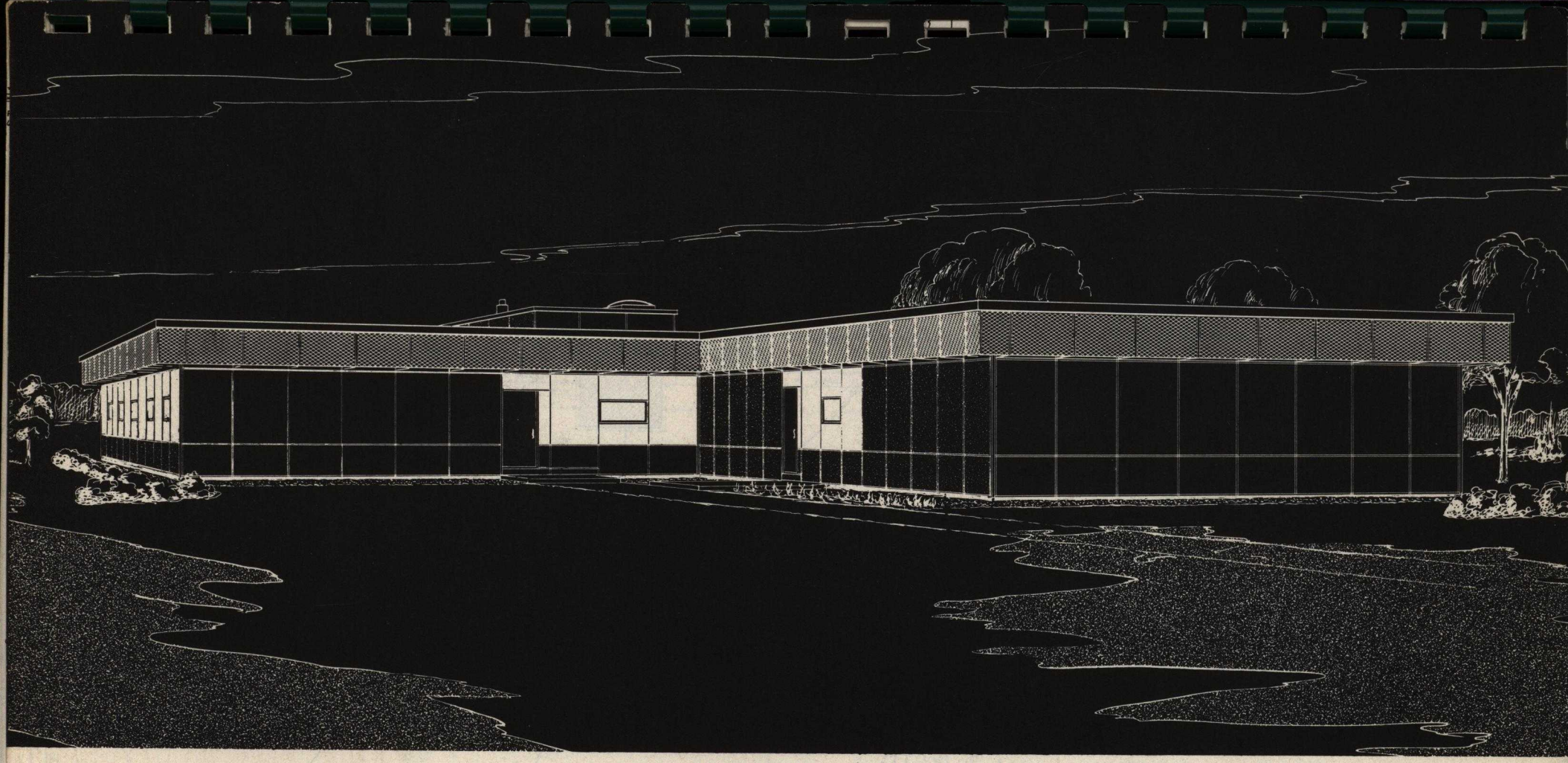

UNISTRUT SYSTEM OF CONSTRUCTION

HUBBARD STREET SCHOOL WAYNE, MICHIGAN

DESIGN BROCHURE No. 4

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CHARLES W. ATTWOOD	ARCHITECT
EDWARD C. LECKER	DESIGNER
ELLWOOD IRISH	CHIEF ENGINEER
SMITH & YOUNG	CONTRACTOR

PRODUCED UNDER DEVELOPMENTS OF THE ATTWOOD DEVELOPMENT COMPANY

UNISTRUT SYSTEM OF CONSTRUCTION

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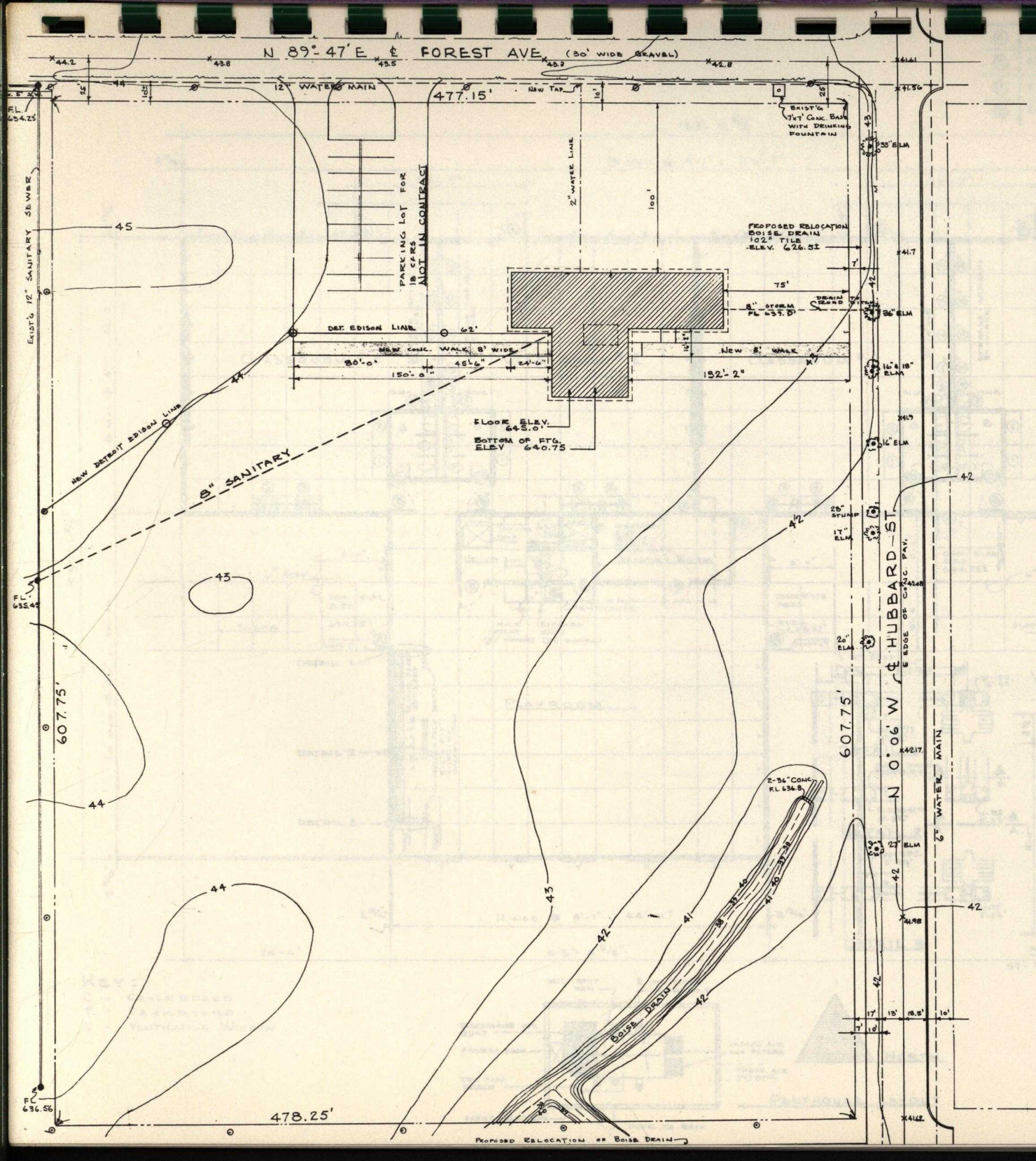


AE 140 NO.	DRAWING SCHEDULE
1	PLOT PLAN
2	FLOOR PLAN
3	ELEVATIONS
4	FOUNDATION PLAN
5	FLOOR FRAMING PLAN
6	STUD PLAN
7	ROOF FRAMING
8	ROOF PANEL SUPPORTS
9	FRAMING ELEVATIONS
10	PANEL ELEVATIONS
11	INTERIOR WALLS
12	INTERIOR WALLS
13	TYPICAL WALL SECTIONS
14	SKIRTBOARD DETAILS
15	CORNICE DETAIL
16	FLOOR DETAIL
17	UTILITY ROOM PLAN
18	TOILET ROOM PLAN
19	PENTHOUSE DETAILS
20	HEATING SECTION
21	ELECTRICAL LAYOUT
22	LIGHT FIXTURE DETAIL

NOTES:

BENCH MARK - ELEV. 647.09
STANDARD BOLT ON HYDRANT
N.W. CORNER HUBBARD & ANNAPOLIS
⊙ DETROIT EDISON POLE
Ø MICHIGAN BELL POLE

NORTH

SCALE 1" = 40'-0"

Charles W. Attwood
Registration # 415

REVISED OCT. 13, 1956

ELEMENTARY SCHOOL
HUBBARD ST. WAYNE, MICH.

A.E. 140

CHARLES W. ATTWOOD - ARCHITECT
4118 GO. WAYNE ROAD WAYNE, MICH.
EDWARD C. LECKER - DESIGNER

1

PLOT PLAN

9-12-56

AS NO.	DRAWING SCHEDULE
1	PLOT PLAN
2	FLOOR PLAN
3	ELEVATIONS
4	FOUNDATION PLAN
5	FLOOR FRAMING PLAN
6	STUD PLAN
7	ROOF FRAMING
8	ROOF PANEL SUPPORTS
9	FRAMING ELEVATIONS
10	PANEL ELEVATIONS
11	INTERIOR WALLS
12	INTERIOR WALLS
13	TYPICAL WALL SECTIONS
14	SKIRTBOARD DETAILS
15	COUPLING DETAIL
16	FLOOR DETAIL
17	UTILITY ROOM PLAN
18	TOILET ROOM PLAN
19	PENTHOUSE DETAILS
20	HEATING SECTION
21	ELECTRICAL LAYOUT
22	LIGHT FIXTURE DETAIL

BUILDER:
BUILDER MASTER - ELEV 647.09
STANDARD BOLT ON HYDRANT
N.W. CORNER HUBBARD & SHERWOOD
& SUBURBAN GARAGE PADS

NORTH

SCALE 1" = 40'-0"

REVISED OCT. 13, 1955

ELEMENTARY SCHOOL
HUBBARD ST. WAYNE, MICH.

CHARLES W. ATTWOOD - ARCHITECT
6119 - 6TH WAYNE ROAD WAYNE, MICH.
EDWARD C. LACKEE - DESIGNER

PLOT PLAN

	Schedule
A	2'-0" x 7'-0"
B	3'-0" x 6'-8"
C	2'-4" x 6'-8"
D	2'-0" x 6'-8"

FURNITURE SCHEDULE (SUNSWEET EQUAL)	NUMBER			
○ DENOTES ON CASTORS	K	1	2	3
① TEACHER'S WARDROBE	1	1	1	1
② " STORAGE	1	1	1	1
③ STUDENT'S WARDROBE	2	2	2	2
④ SINK WITH BUBBLER	1	1	1	1
⑤ WALL HUNG STORAGE	1	1	1	1
⑥ BOOK TRUCK	1	1	1	1
⑦ CLAY STORAGE	←	1		→
⑧ CRAFT UNIT	←	1		→
⑨ TOY STORAGE	1	0	0	0
⑩ GENERAL STORAGE	1	2	3	3
⑪ PAPER STORAGE	1	1	1	1
⑫ CUBICLES	3	0	0	0
TEACHER'S DESK	1	1	1	1
" CHAIR	1	1	1	1
STUDENT'S DESK	30	30	30	30
" CHAIR	30	30	30	30
VISITOR'S CHAIR	2	2	2	2
WASTE BASKET	1	1	1	1

TEACHER'S ROOM	
2 TIER BOOKCASE	1
1 TIER BOOKCASE	1
DESK	1
CHAIR	2
WASTE BASKET	1

127'-0 5/8"

31 MOD. @ 4'-1" = 126'-7"

20'-7"

20'-7"

2 13/16"

CLASSROOM # 3

CLASSROOM # 2

CLASSROOM # 1

KINDERGARTEN

STORAGE CABINETS BY OWNER

SINK

TOILET RMS

HEAT

DUCT

MODERN FOLD DOOR 8'-3" X 8'-0" LANSING YELLOWSTONE

TEACHER'S ROOM

UTILITY

JAN. SINK

PENTHOUSE

MILK COOLER (BY OWNER)

(KITCHEN UNIT) (BY OWNER)

8'-0"

6" STEP

CONC. SLAB ELEV. 644.75'

SLOPE

SLOPE 1"

CONC. SLAB ELEV. 644.75±

SCORE SIDEWALK & SLABS IN 4'-1" SQUARES AS INDICATED

SLOPE TO FD

DETAIL 1

DETAIL 2

DETAIL 3

PLAYROOM

STORAGE

MODERN FOLD DOORS 8'-3" X 8'-0" LANSING CHERRY GRAIN

8 MOD @ 4'-1" = 32'-8"

10 MOD @ 4'-1" = 40'-10"

73'-11 5/8"

11 MOD @ 4'-1" = 44'-11"

24'-6"

43'-4 5/8"

57'-2"

W-271 8'-3 3/8"

W-125 8'-3 3/4"

P-1100-H 19 8'-3 3/4"

W-272 8'-3 3/4"

W-125 8'-3 3/4"

DETAIL 1

DETAIL 2

DETAIL 3

SECTION A-A

SECTION B-B

4'-1" X 12" WOOD SHELVES

ELEVATION 1

ELEVATION 2

SIDE ELEV.

KEY:
C - CHALKBOARD
T - TACKBOARD
V - VENTILATING WINDOW

OIL DRIP PAN

2 OIL FIRED FURNACES

DISCHARGE AIR DUCT

ACCESS DOOR

OIL PAN DRAIN

FIXED GLAZING

INTAKE AIR AND FILTERS

FRESH AIR INTAKE

DOOR TO ROOF

NORTH

PENTHOUSE LAYOUT

ELEMENTARY SCHOOL

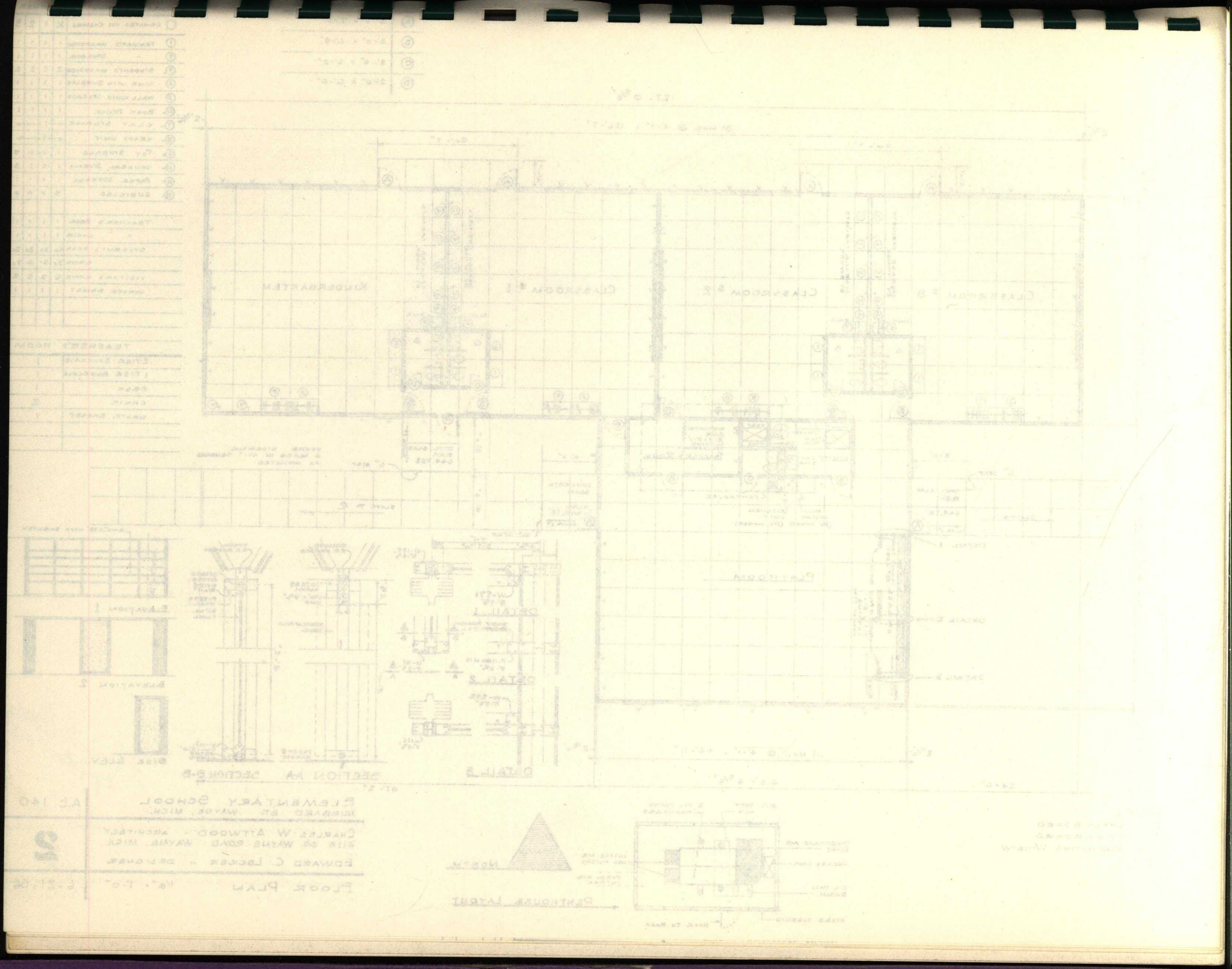
HUBBARD ST. WAYNE, MICH.

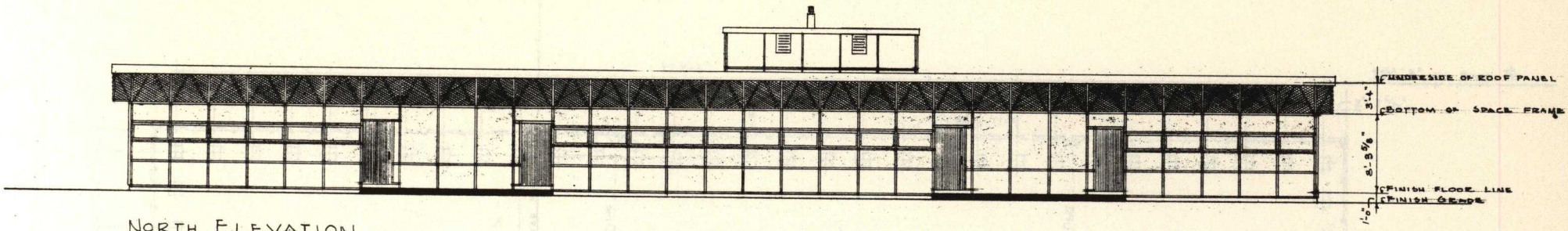
A.E 140

CHARLES W. ATTWOOD - ARCHITECT
4118 SO. WAYNE ROAD WAYNE, MICH.
EDWARD C. LECKER - DESIGNER

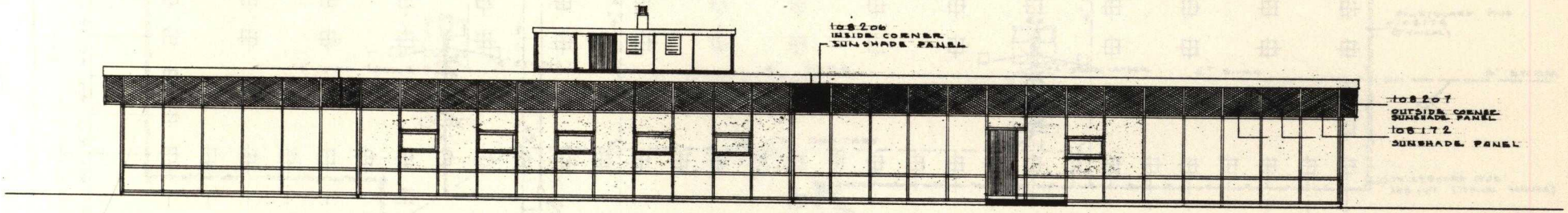
2

FLOOR PLAN 1/8" = 1'-0" 6-21-56

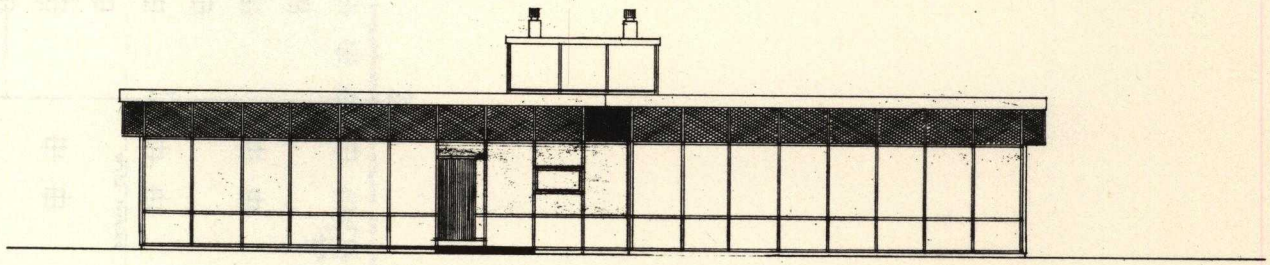




NORTH ELEVATION
1/8" = 1'-0"



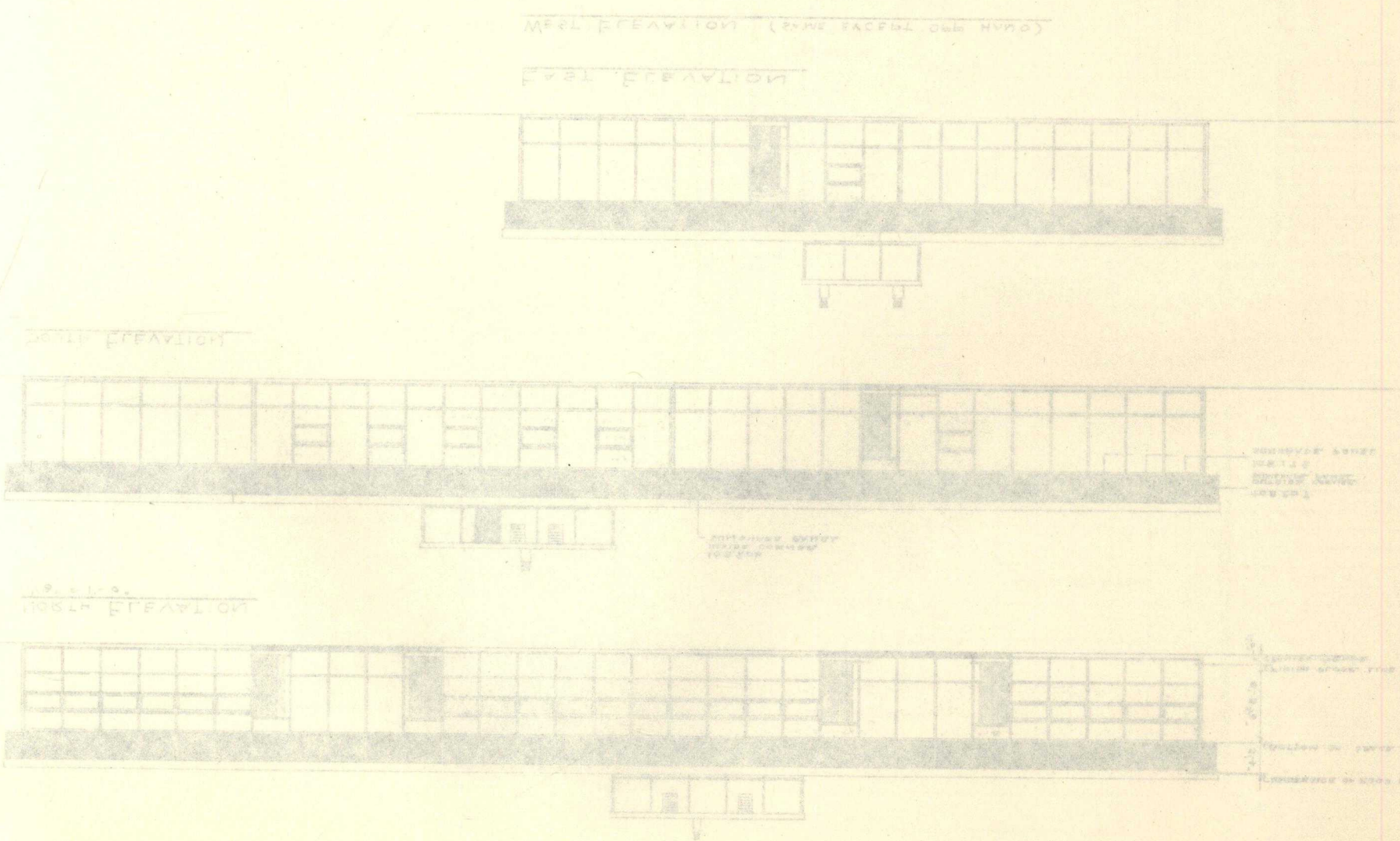
SOUTH ELEVATION

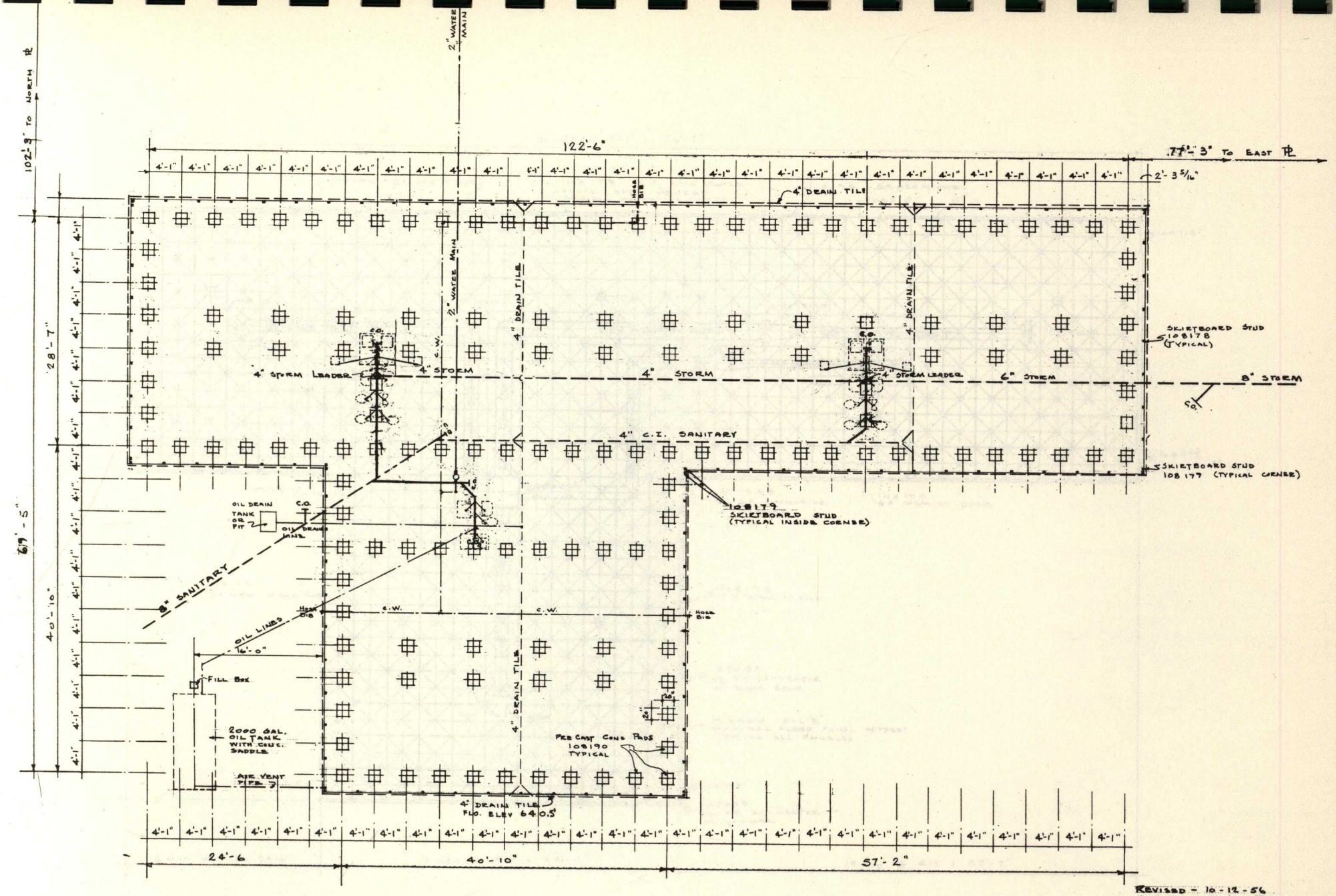


EAST ELEVATION

WEST ELEVATION (SAME EXCEPT OPP. HAND)

ELEMENTARY SCHOOL HUBBARD ST. WAYNE, MICH.	A.E. 140
CHARLES W. ATTWOOD - ARCHITECT 4118 So. WAYNE ROAD WAYNE, MICH. EDWARD C. LECKER - DESIGNER	3
ELEVATIONS 1/8" = 1'-0"	7-18-56





REVISED - 10-12-56
REVISED - 3-18-57

PLAN TAKEN

ELEMENTARY SCHOOL
HUBBARD ST. WAYNE, MICH.

A.E. 140

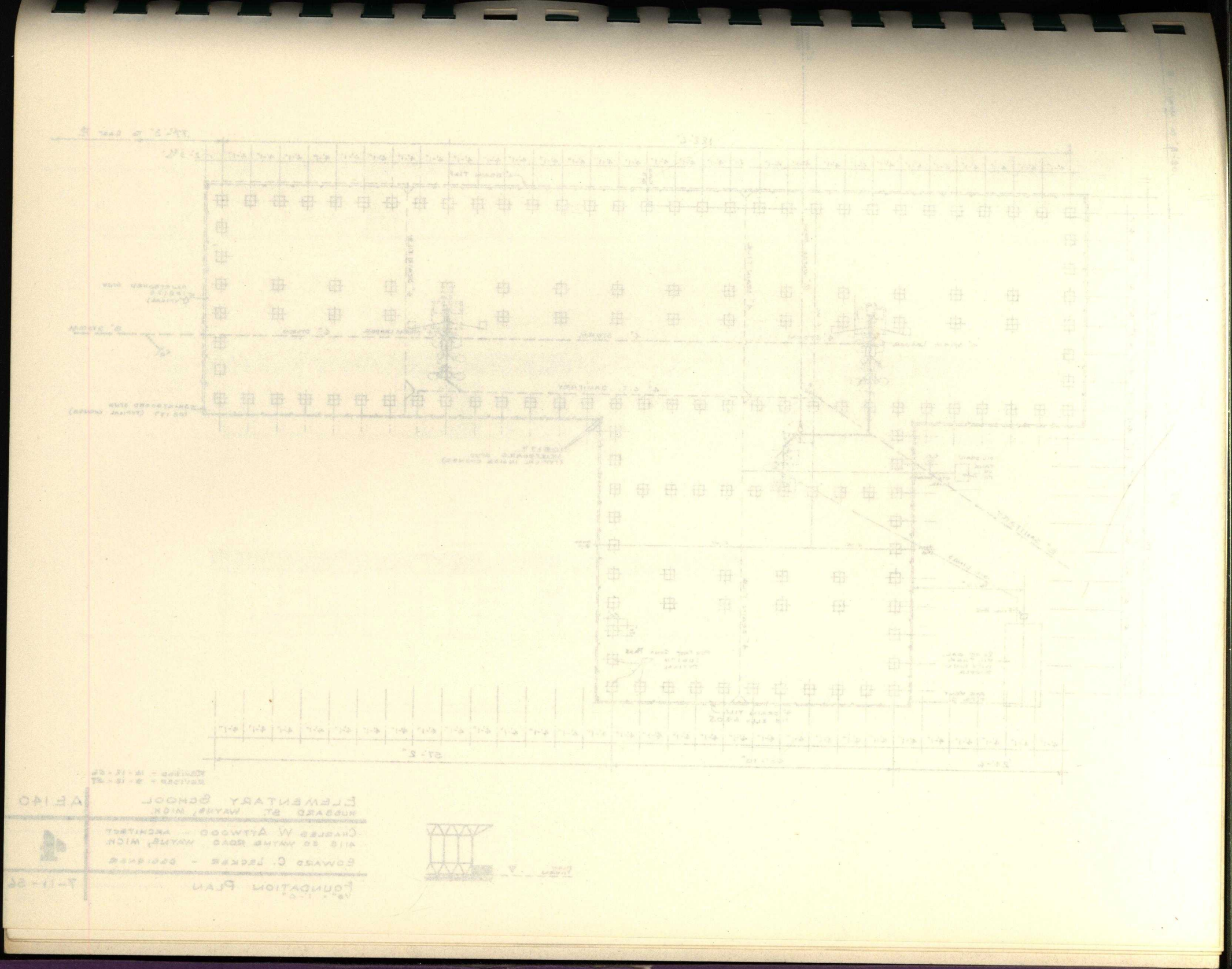
CHARLES W. ATTWOOD - ARCHITECT
4118 SO. WAYNE ROAD WAYNE, MICH.

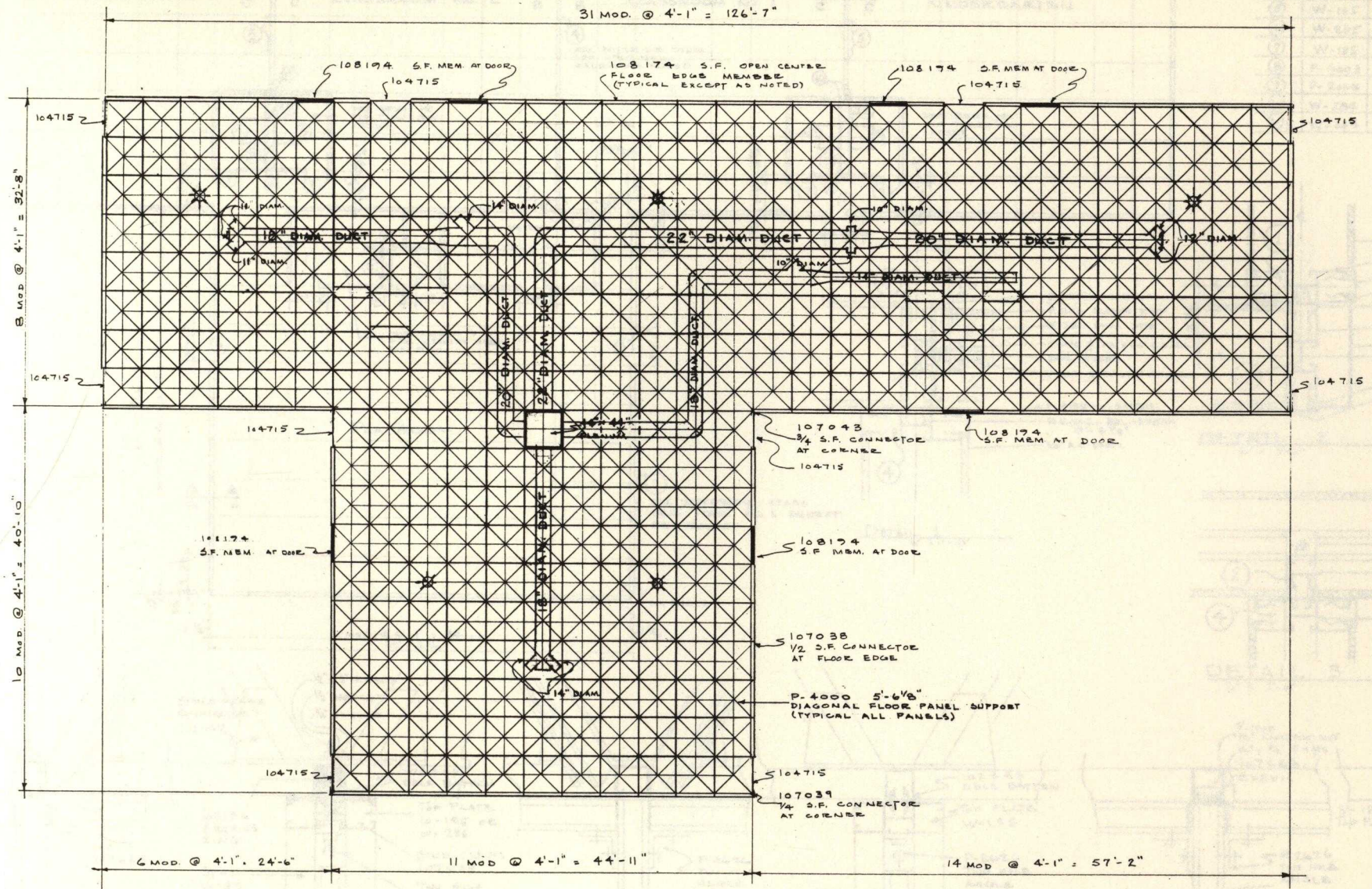
EDWARD C. LECKER - DESIGNER

4

FOUNDATION PLAN
1/8" = 1'-0"

7-11-56




31 MOD. @ 4'-1" = 126'-7"
8 MOD @ 4'-1" = 32'-8"
10 MOD. @ 4'-1" = 40'-10"
108174 S.F. MEM. AT DOOR
104715
108174 S.F. OPEN CENTER FLOOR EDGE MEMBER (TYPICAL EXCEPT AS NOTED)
18" DIAM.
14" DIAM.
12" DIAM. DUCT
22" DIAM. DUCT
20" DIAM. DUCT
14" DIAM. DUCT
107043 3/4 S.F. CONNECTOR AT CORNER
107038 1/2 S.F. CONNECTOR AT FLOOR EDGE
P-4000 5'-6 1/8" DIAGONAL FLOOR PANEL SUPPORT (TYPICAL ALL PANELS)
107039 1/4 S.F. CONNECTOR AT CORNER
6 MOD. @ 4'-1" = 24'-6"
11 MOD @ 4'-1" = 44'-11"
14 MOD @ 4'-1" = 57'-2"

FLOOR DESIGN LOAD	
LIVE LOAD	50 #/□'
1½" CONC. FLOOR PANEL	20 #/□'
3/8" APAC PANEL	3.75 #/□'
STRUCTURE & FOUND.	6.25 #/□'
TOTAL D.L + L.L.	80 #/□'

☼ FILAMENT LAMP OUTLET SWITCHED IN UTILITY ROOM

PLAN TAKEN

ELEMENTARY SCHOOL
HUBBARD ST. WAYNE, MICH.

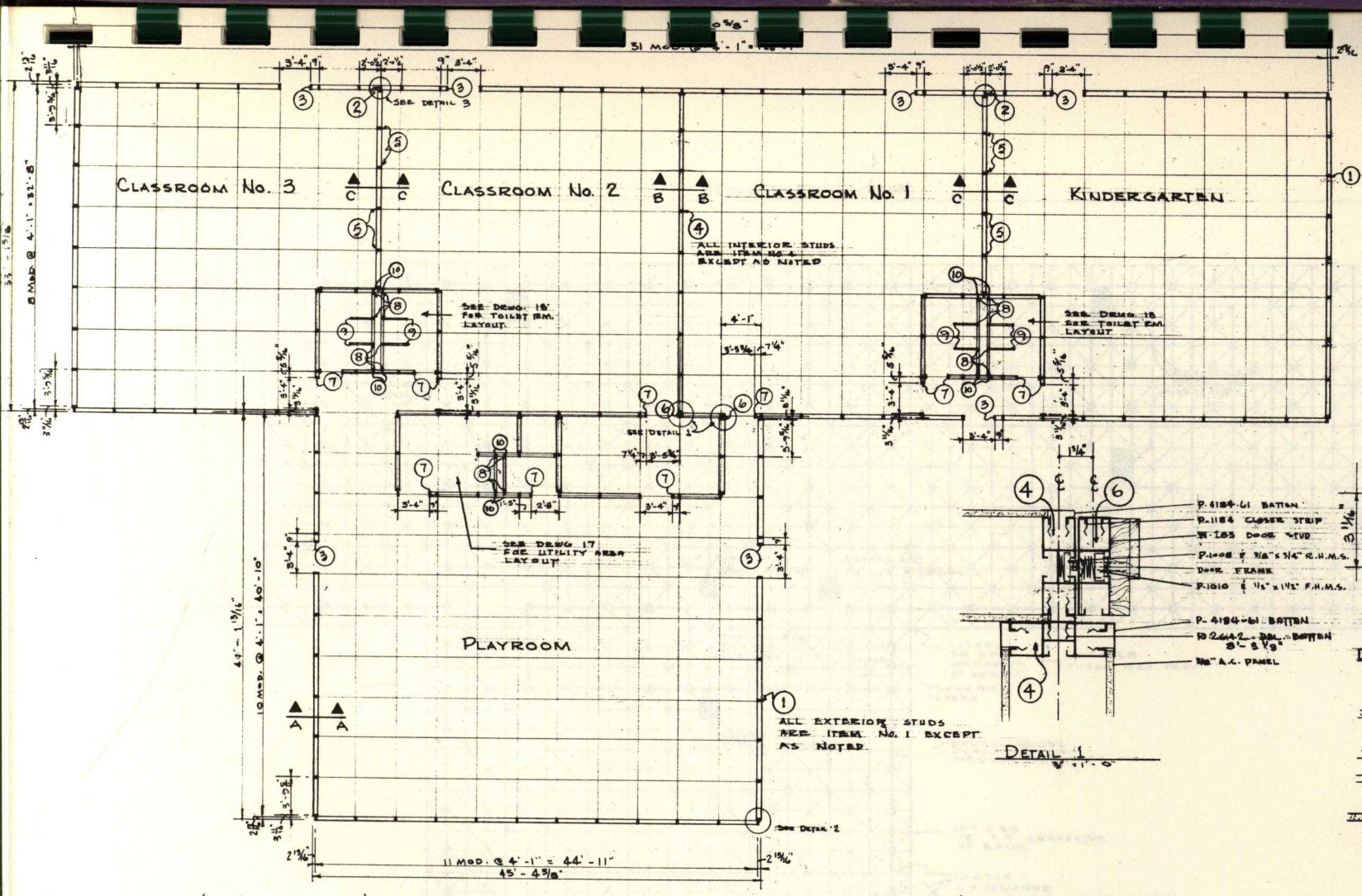
A.E. 140

CHARLES W. ATTWOOD - ARCHITECT
4118 SO. WAYNE ROAD WAYNE, MICH.
EDWARD C. LECKER - DESIGNER

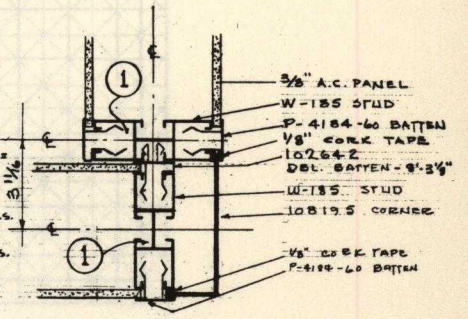
5

FLOOR FRAMING PLAN

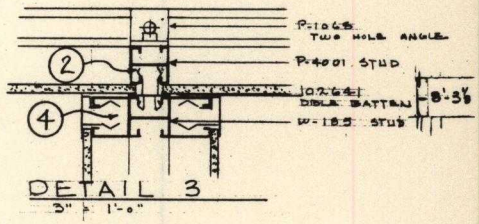
7-10-56


CLASSROOM No. 3
CLASSROOM No. 2
CLASSROOM No. 1
KINDERGARTEN
PLAYROOM
ALL INTERIOR STUDS ARE ITEM No. 4 EXCEPT AS NOTED
ALL EXTERIOR STUDS ARE ITEM No. 1 EXCEPT AS NOTED
SEE DETAIL 3
SEE DRWG. 18 FOR TOILET RM. LAYOUT
SEE DRWG. 17 FOR UTILITY AREA LAYOUT
SEE DETAIL 1
SEE DETAIL 2
11 MOD. @ 4'-1" = 44'-11"
45'-4 5/8"
10 MOD. @ 4'-1" = 40'-10"
8 MOD @ 4'-1" = 32'-8"

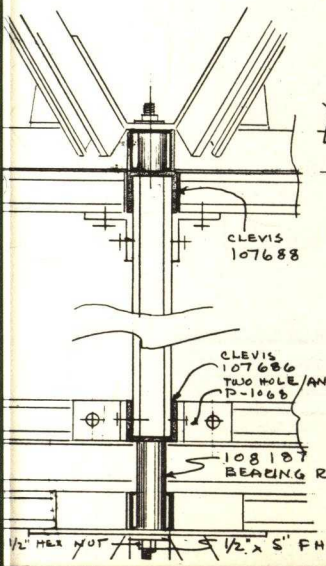
DETAIL 1
3" = 1'-0"

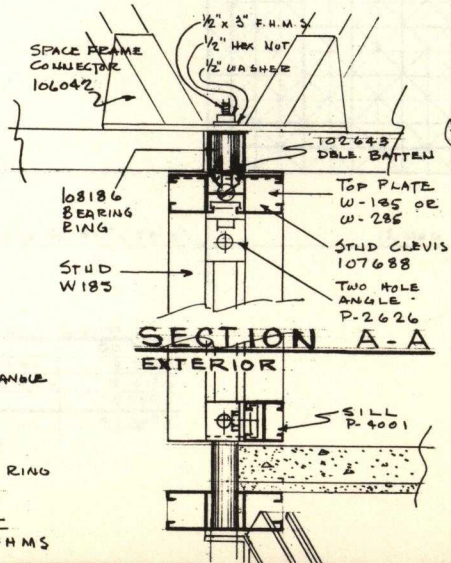


DETAIL 2
3" = 1'-0"

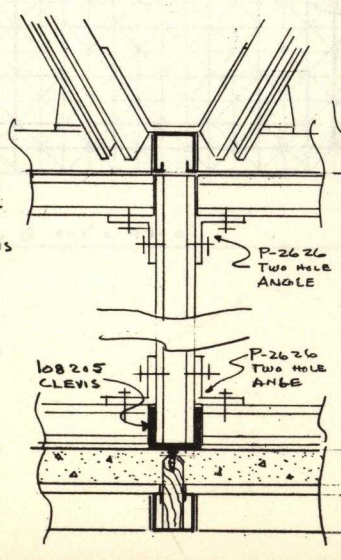


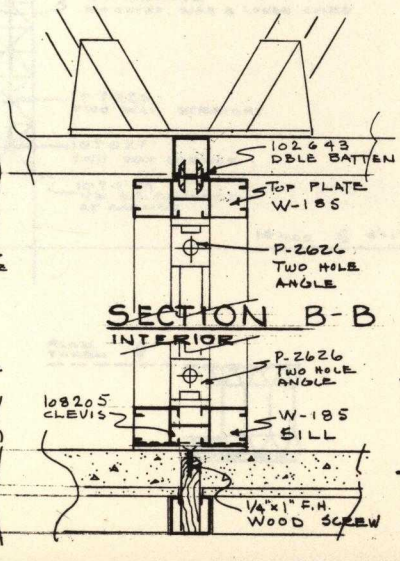
DETAIL 3
3" = 1'-0"



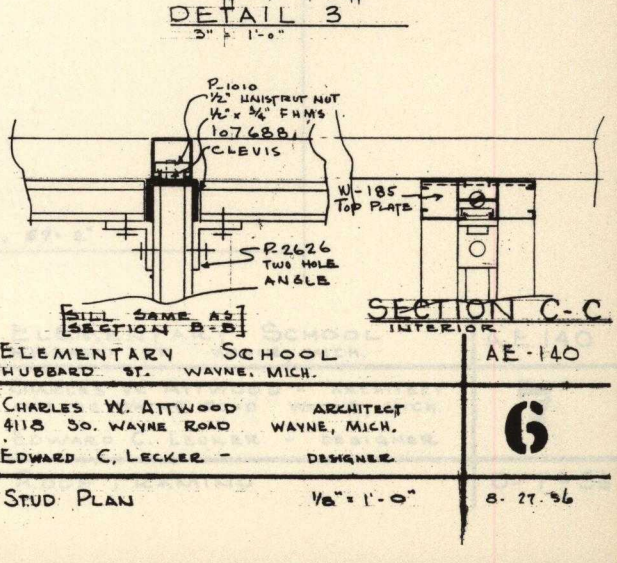


SECTION A-A
EXTERIOR





SECTION B-B
INTERIOR



[SILL SAME AS SECTION B-B]

SECTION C-C
INTERIOR

BILL OF MATERIAL FOR CAL STUD MEMBERS

ITEM	PART NO.	DESCRIPTION	QUAN.
1	W-185	8'-3 1/8"	110
2a	P-4001	5'-11 1/4"	2
2b	P-4001	1'-11 1/4"	2
3	W-185	7'-1 9/16"	7
4	W-185	8'-3 1/8"	8
5	W-185	8'-3 5/8"	77
6	W-285	6'-9 3/4"	2
7	W-185	6'-9 5/8"	13
8	P-4003	8'-0 1/8"	20
9	P-2000	8'-0 3/4"	8
10a	W-284	5'-11 1/4"	14
10b	W-284	1'-11 1/4"	14

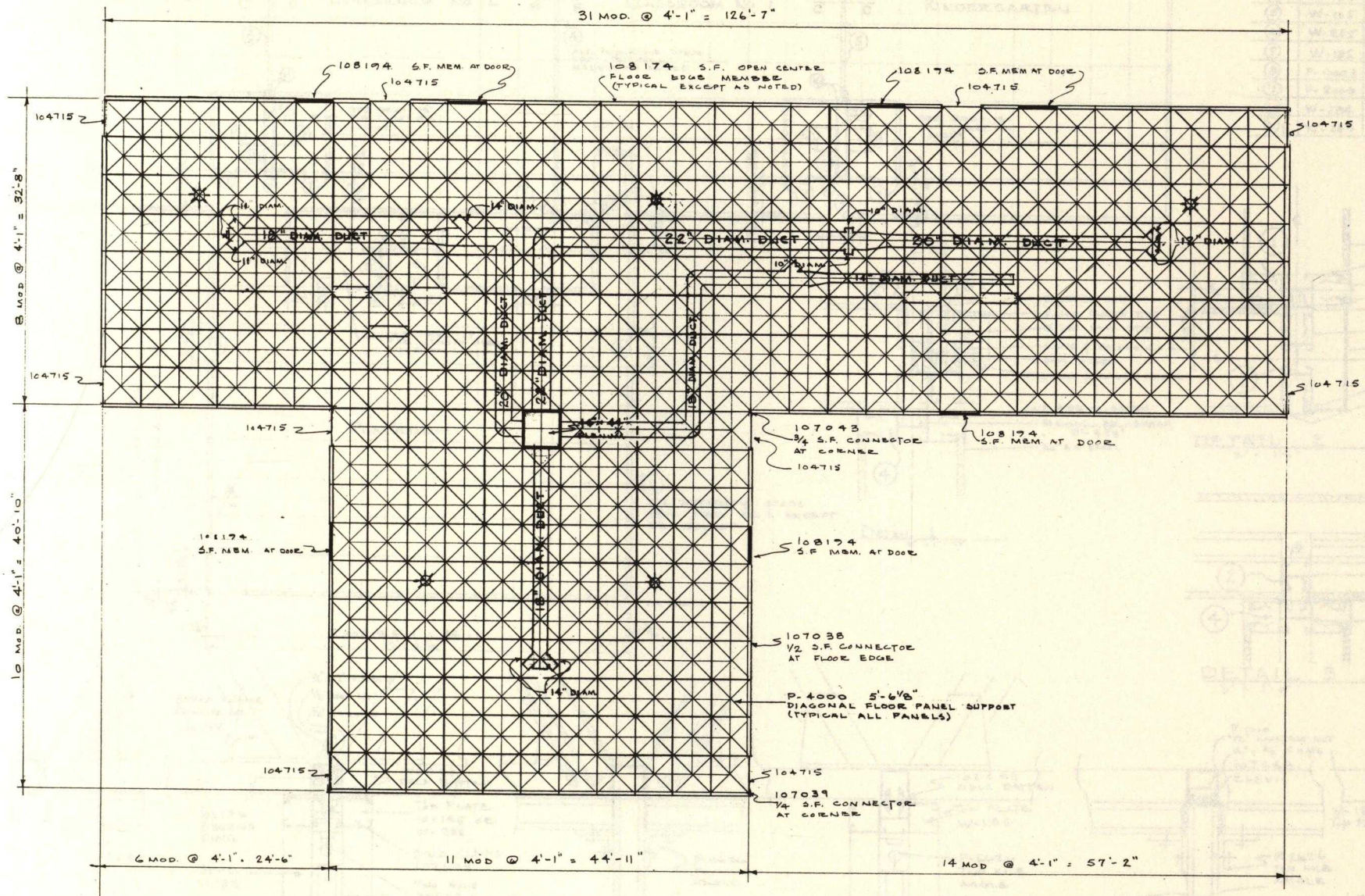
ELEMENTARY SCHOOL
HUBBARD ST. WAYNE, MICH.

AE-140

CHARLES W. ATTWOOD ARCHITECT
4118 SO. WAYNE ROAD WAYNE, MICH.
EDWARD C. LECKER - DESIGNER

6

STUD PLAN 1/8" = 1'-0" 8-27-56


31 MOD. @ 4'-1" = 126'-7"
8 MOD @ 4'-1" = 32'-8"
10 MOD. @ 4'-1" = 40'-10"
6 MOD. @ 4'-1". 24'-6"
11 MOD @ 4'-1" = 44'-11"
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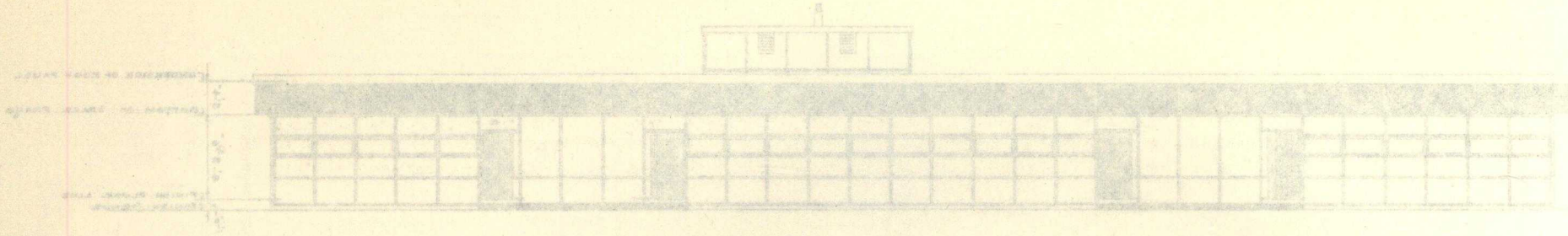
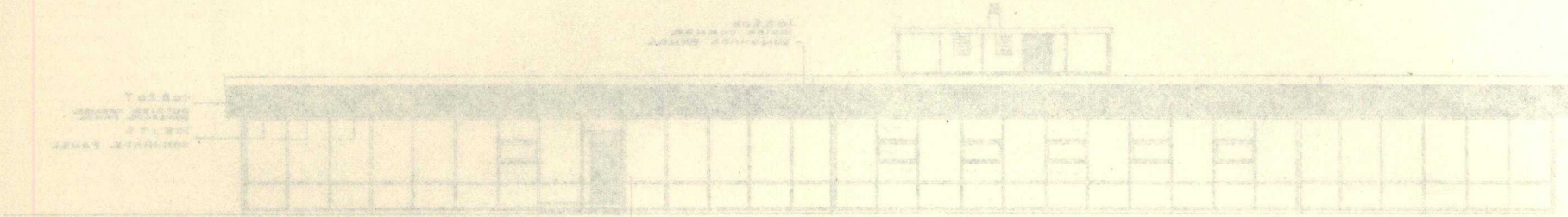
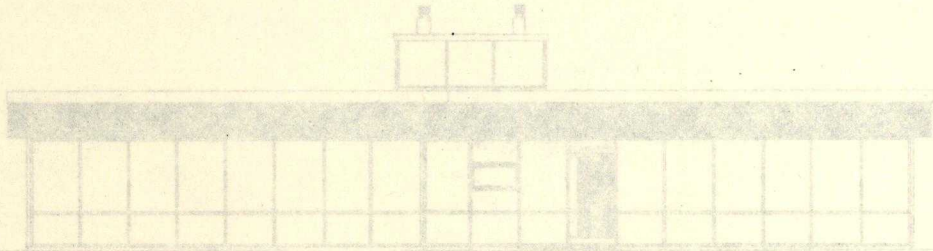
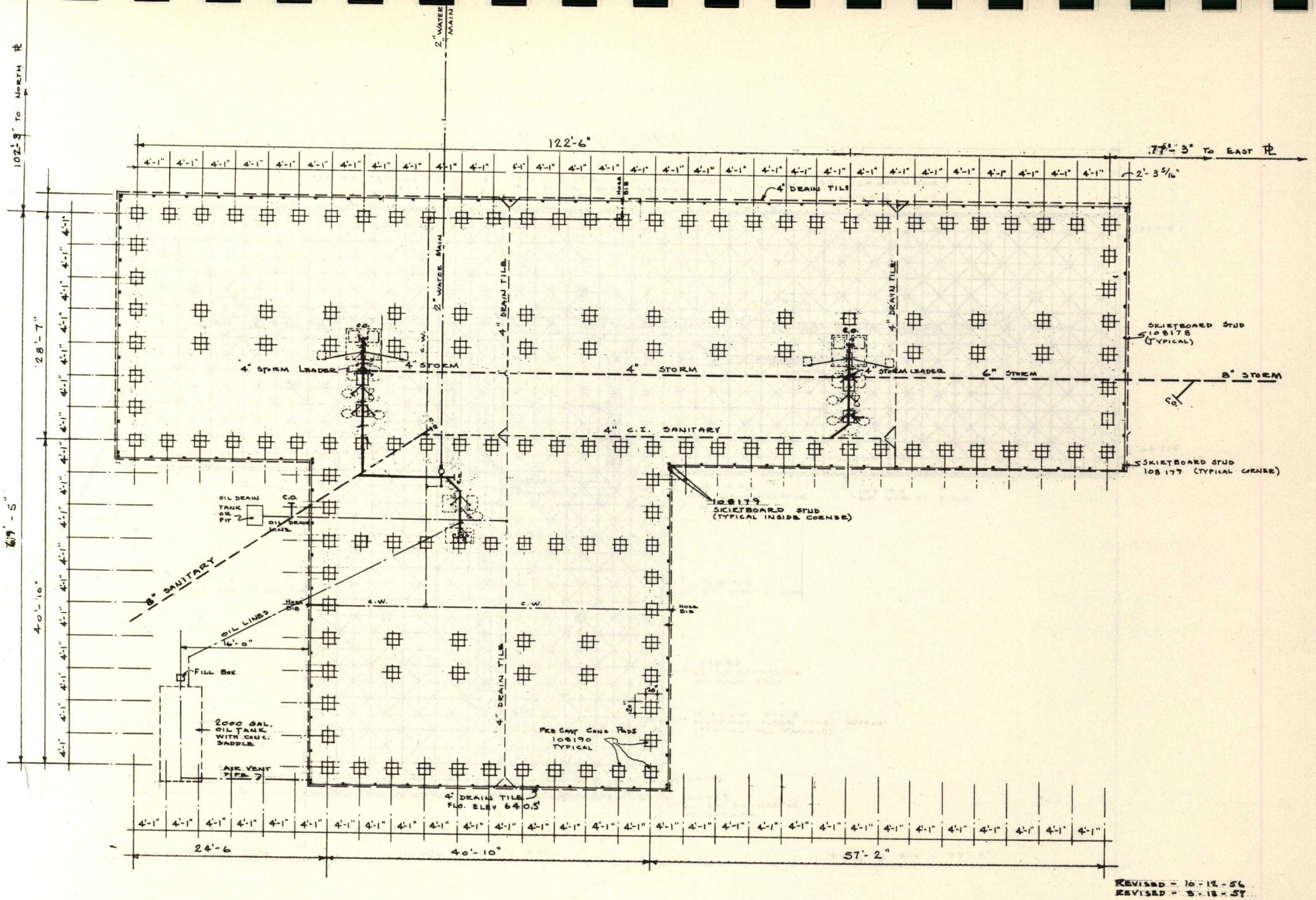
108174 S.F. MEM. AT DOOR
104715
108174 S.F. OPEN CENTER FLOOR EDGE MEMBER (TYPICAL EXCEPT AS NOTED)
108174 S.F. MEM AT DOOR
104715
104715
104715









REVISED - 10-12-56
REVISED - 3-13-57

PLAN TAKEN

ELEMENTARY SCHOOL
HUBBARD ST. WAYNE, MICH.

A.E. 140

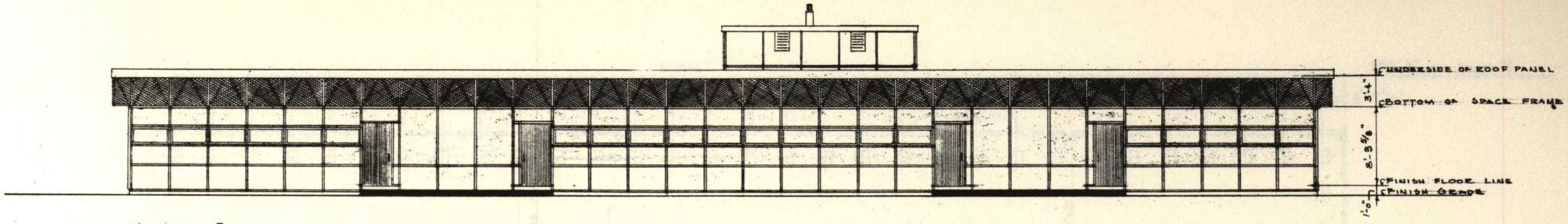
CHARLES W. ATTWOOD - ARCHITECT
4118 SO. WAYNE ROAD WAYNE, MICH.

EDWARD C. LECKER - DESIGNER

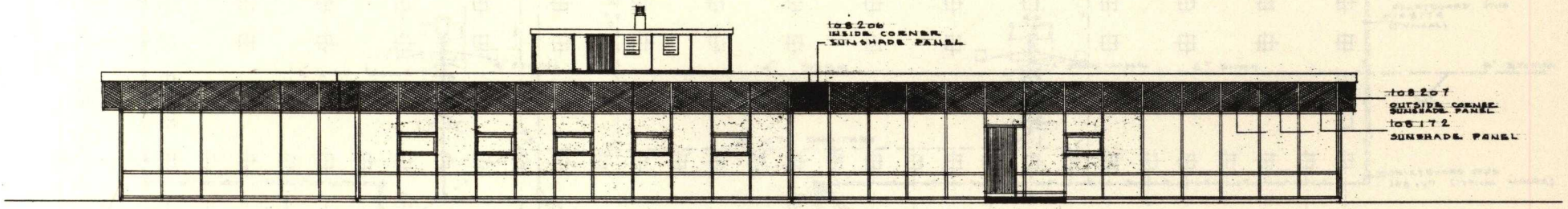
4

FOUNDATION PLAN
1/8" = 1'-0"

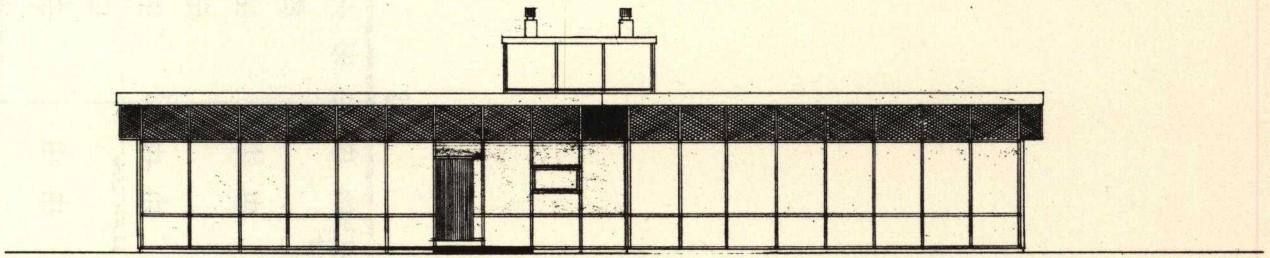
7-11-56



NORTH ELEVATION
1/8" = 1'-0"



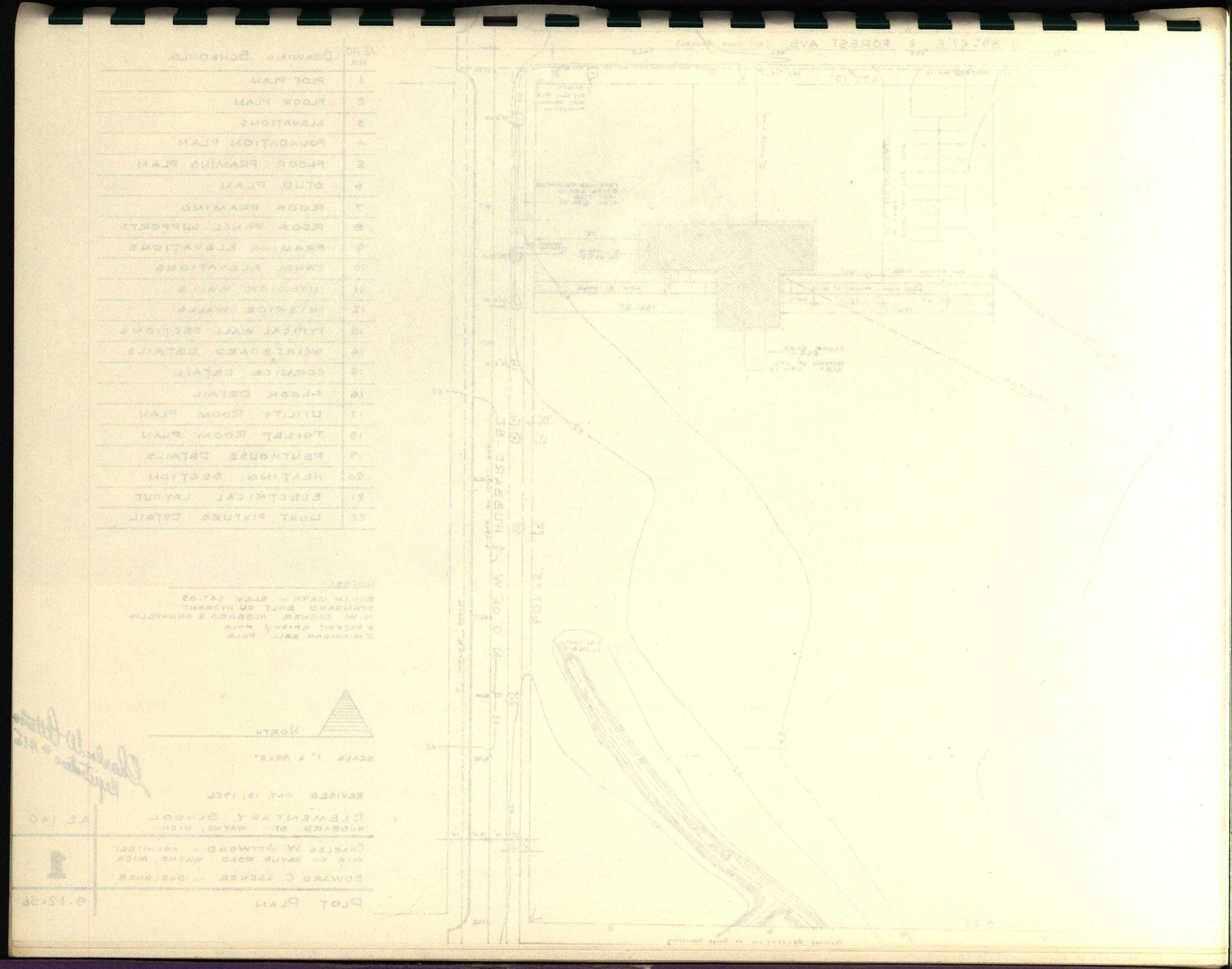
SOUTH ELEVATION



EAST ELEVATION

WEST ELEVATION (SAME EXCEPT OPP HAND)

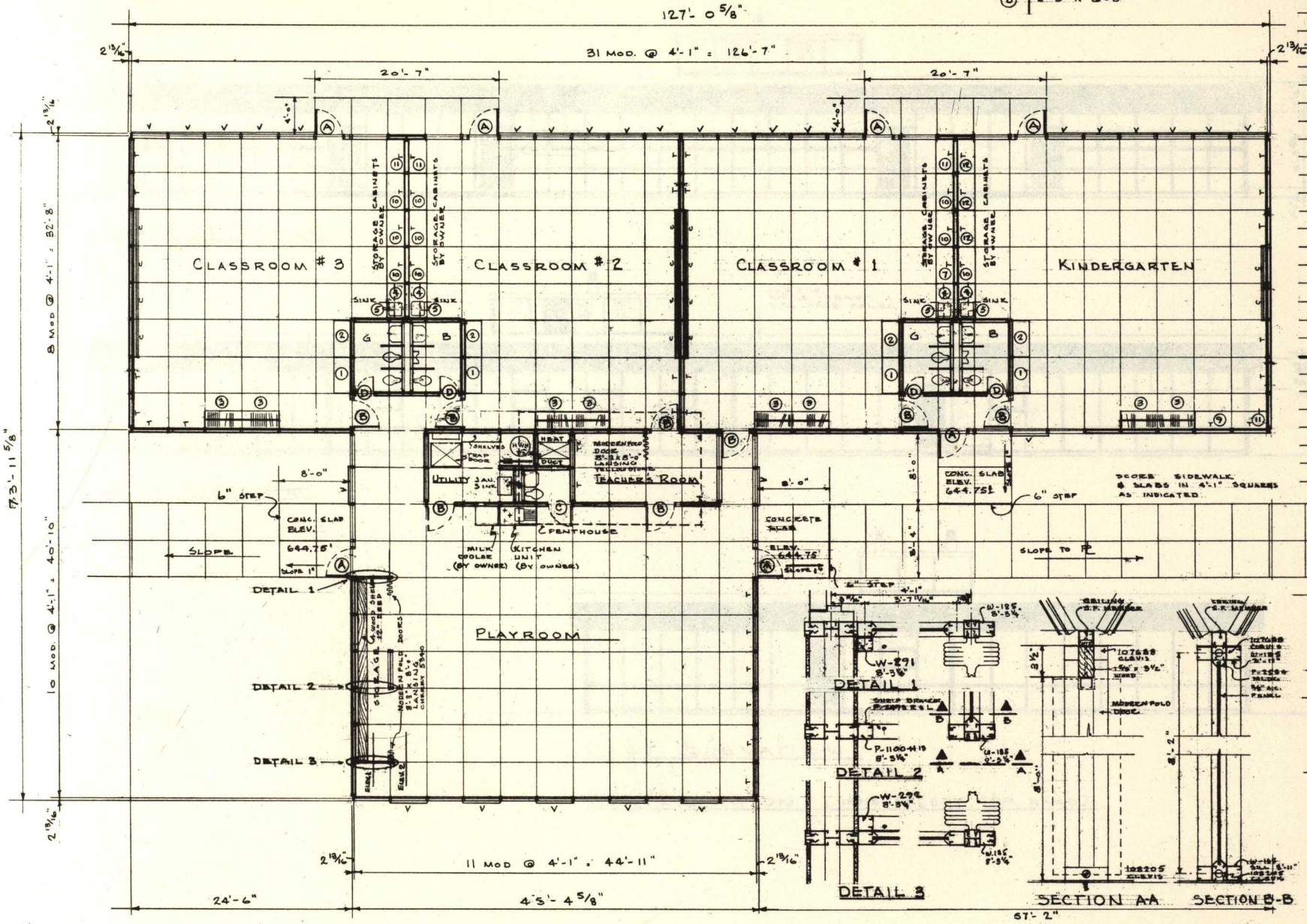
ELEMENTARY SCHOOL HUBBARD ST. WAYNE, MICH.	A.E. 140
CHARLES W. ATTWOOD - ARCHITECT 4118 So. WAYNE ROAD WAYNE, MICH. EDWARD C. LECKER - DESIGNER	3
ELEVATIONS 1/8" = 1'-0"	7-18-56

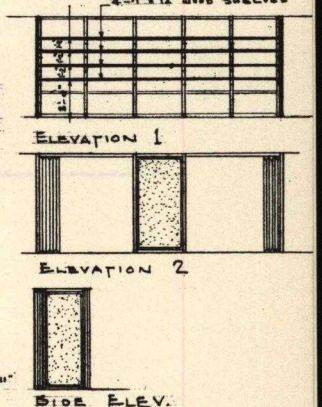


	Sc…
(A)	2'-0" x 7'-0"
(B)	3'-0" x 6'-8"
(C)	2'-4" x 6'-8"
(D)	2'-0" x 6'-8"

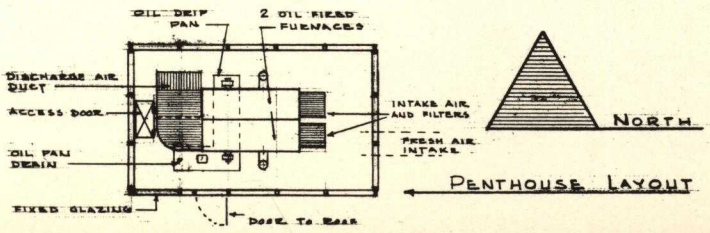
…URNIT…	Sche…	…UNSW…	…EQUAL…	…WER
Q	DENOTES ON CASTORS	K	1	2	3
1	TEACHER'S WARDROBE	1	1	1	1
2	" STORAGE	1	1	1	1
3	STUDENT'S WARDROBE	2	2	2	2
4	SINK WITH BUBBLER	1	1	1	1
5	WALL HUNG STORAGE	1	1	1	1
6	BOOK TRUCK	1	1	1	1
7	CLAY STORAGE	←	1	→	
8	CRAFT UNIT	←	1	→	
9	TOY STORAGE	1	0	0	0
10	GENERAL STORAGE	1	2	3	3
11	PAPER STORAGE	1	1	1	1
12	CUBICLES	3	0	0	0
	TEACHER'S DESK	1	1	1	1
	" CHAIR	1	1	1	1
	STUDENT'S DESK	30	30	30	30
	" CHAIR	30	30	30	30
	VISITOR'S CHAIR	2	2	2	2
	WASTE BASKET	1	1	1	1

TEACHER'S ROOM	
2 TIER BOOKCASE	1
1 TIER BOOKCASE	1
DESK	1
CHAIR	2
WASTE BASKET	1





KEY:
C - CHALKBOARD
T - TACKBOARD
V - VENTILATING WINDOW



ELEMENTARY SCHOOL
HUBBARD ST. WAYNE, MICH.

A.E 140

CHARLES W. ATTWOOD - ARCHITECT
4118 SO. WAYNE ROAD WAYNE, MICH.
EDWARD C. LECKER - DESIGNER

2

FLOOR PLAN 1/8" = 1'-0"

6-21-56

THE

CONSTRUCTION SYSTEM OF CONSTRUCTION

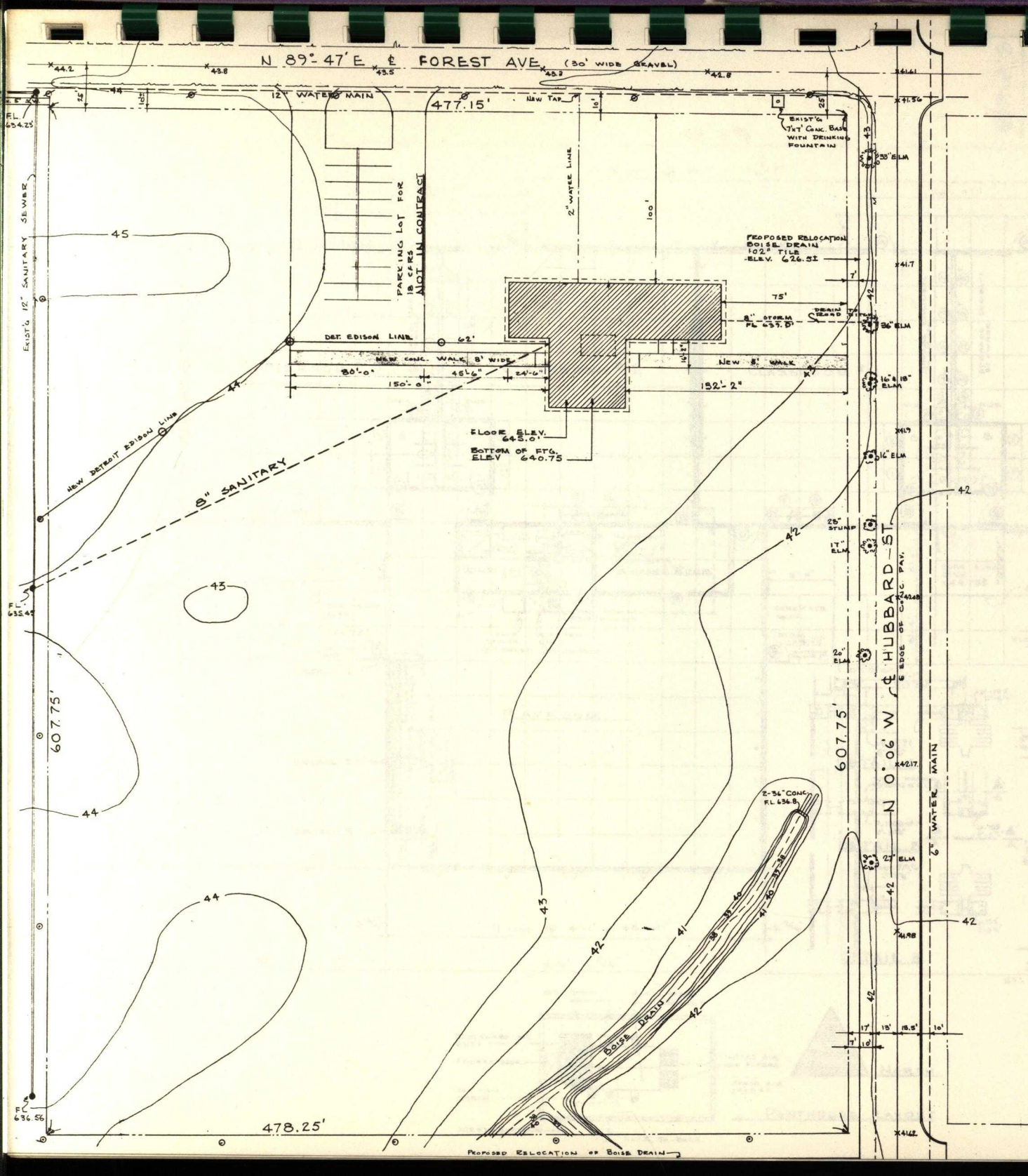
CHARLES W. ATTWOOD — ARCHITECT

EDWARD C. LECKER — DESIGNER

ELWOOD IRISH — CHIEF ENGINEER

SMITH & YOUNG — CONTRACTOR

PRODUCED UNDER DEVELOPMENTS OF THE ATTWOOD DEVELOPMENT COMPANY



AE 140 NO.	DRAWING SCHEDULE
1	PLOT PLAN
2	FLOOR PLAN
3	ELEVATIONS
4	FOUNDATION PLAN
5	FLOOR FRAMING PLAN
6	STUD PLAN
7	ROOF FRAMING
8	ROOF PANEL SUPPORTS
9	FRAMING ELEVATIONS
10	PANEL ELEVATIONS
11	INTERIOR WALLS
12	INTERIOR WALLS
13	TYPICAL WALL SECTIONS
14	SKIRTBOARD DETAILS
15	CORNICE DETAIL
16	FLOOR DETAIL
17	UTILITY ROOM PLAN
18	TOILET ROOM PLAN
19	PENTHOUSE DETAILS
20	HEATING SECTION
21	ELECTRICAL LAYOUT
22	LIGHT FIXTURE DETAIL

NOTES:

BENCH MARK - ELEV. 647.09
STANDARD BOLT ON HYDRANT
N.W. CORNER HUBBARD & ANNAPOLIS
⊙ DETROIT EDISON POLE
Ø MICHIGAN BELL POLE

NORTH

SCALE 1" = 40'-0"

REVISED OCT. 13, 1956

Charles W. Attwood Registration # 415

ELEMENTARY SCHOOL
HUBBARD ST. WAYNE, MICH.

A.E. 140

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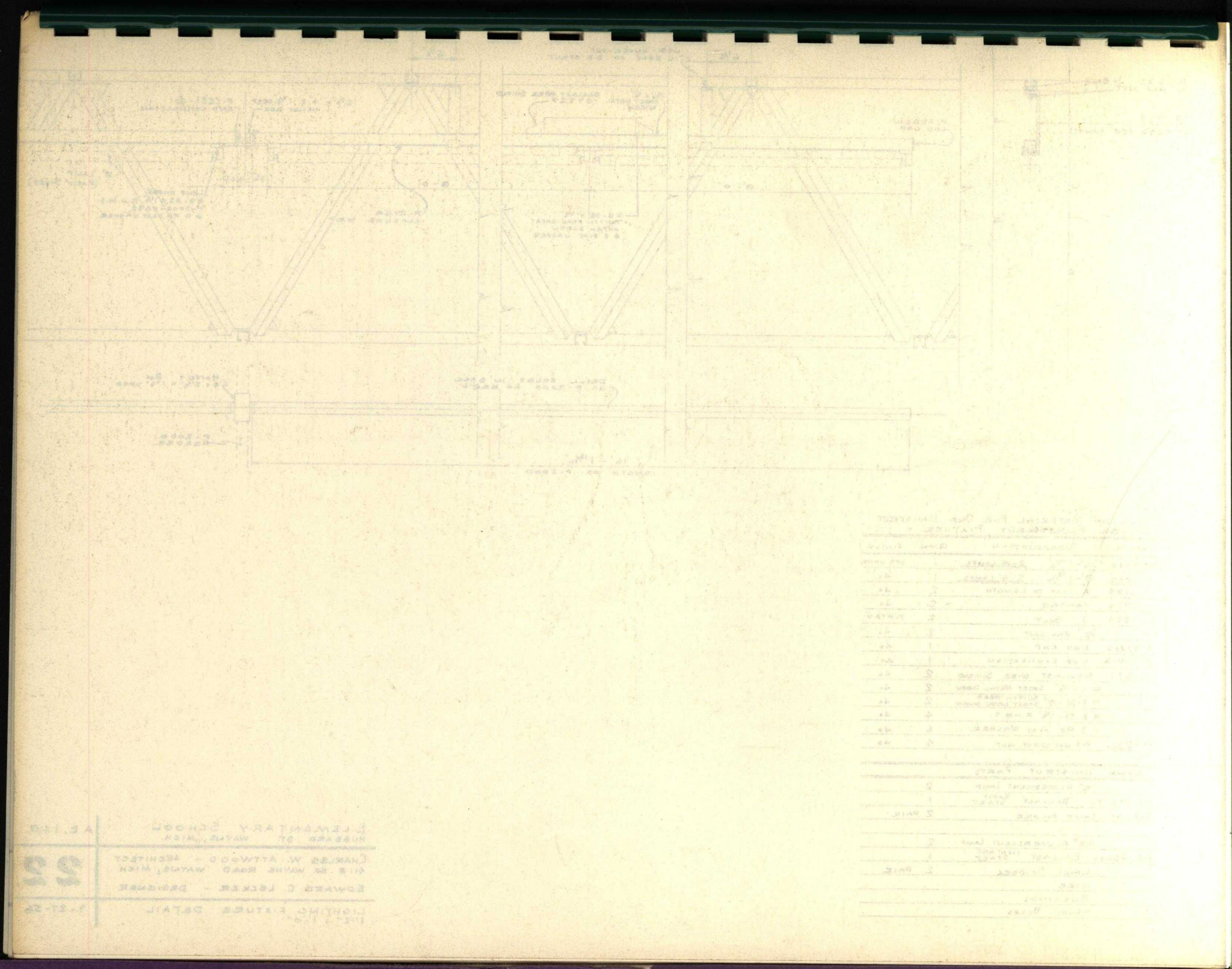
4118 So. WAYNE ROAD WAYNE, MICH.
EDWARD C. LECKER - DESIGNER

1

PLOT PLAN

9-12-56



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